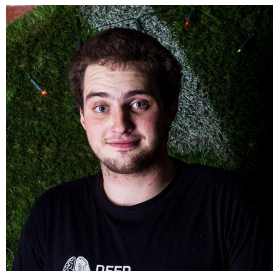


Arsenii Ashukha

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Summary

I am a second year Master Student at MIPT, I do research at [Bayes Group](#) under supervision of prof. Dmitry Vetrov. My research is focused on Bayesian regularization of deep neural nets. At MIPT I work as a teacher assistant for some Machine Learning courses. Also, I am an irregular student of Yandex School of Data Analysis.

Skills: Machine Learning, Deep Learning, Bayesian ML, Python, Hadoop, Hive, Linux, English (B2)

Education

2011 - 2015 Thesis	Bachelor, <i>Computer Science</i> , Bauman Moscow State Technical University, GPA: 3.7/5.0 <i>Identification of unique kernels in topic models</i> , Supervisor: N. Loukachevitch (MSU)
2015 - 2017 Thesis	Master, <i>Machine Learning</i> , Moscow Institute of Physics and Technology, GPA: ?/5.0 <i>Regularization of Deep Neural Nets</i> , Supervisor: Prof. D. Vetrov (HSE), A. Dral (MIPT)
2015 - 2016 Result	Irregular Student, <i>Machine Learning</i> , Yandex School of Data Analysis, GPA: 4.8/5.0 <i>Six courses were passed and the favorites are Bayesian ML, Deep Learning, Machine Learning</i>



Teaching

- **2016 - Now:** Practical Lecture, University Course at MIPT, Machine Learning (parts 1,2), ml-mipt.github.io (RU)
- **2016 - Now:** Practical Lecture, Additional Course at MIPT, Machine Learning in Action, vk.com/ml_in_action (RU)
- **2016 - Now:** Preparing and checking some tasks for several courses like DL, BMML, LA in SDA, MSU, HSE

Experience

Jun 2016 - Aug 2016 3 month	Yandex , Moscow — Intern at Music Deep Learning Group (E. Krofto) <ul style="list-style-type: none">• Searching similar tracks and building recommendation features using DNN
Dec 2013 - Feb 2016 2 year 1 month p/t	Rambler , Moscow — R&D Engineer at ML Group (A. Gorokhov, P. Klemenkov) <ul style="list-style-type: none">• Improving the quality of classification users using browser history• Recommendations system for the news posts on rambler.ru• Optimization performance of users classification• Application of topic models to building users features
Jun 2013 - Aug 2013 3 month	Rambler , Moscow — Intern at Search Group (M. Karpenko) <ul style="list-style-type: none">• Users query classification to show a mixing in search results



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Publications

- Dmitry Molchanov, Arseniy Ashuha and Dmitry Vetrov
1. Dropout-based Automatic Relevance Determination
Bayesian Deep Learning Workshop, Neural Information Processing Systems 2016
 2. Arseniy Ashuha and Natalia Loukachevitch
Bigram Anchor Words Topic Model
International Conference on Image Analysis, Social Networks and Texts 2016